

Claims

- [c1] 1. A fan module for a portable electronic device, comprising:
a housing having at least a mounting space, an air inlet and an air outlet, wherein the mounting space connects the air inlet to the air outlet;
a fan set within the mounting space; and
a screen set on the housing covering the air inlet, wherein the screen has a plurality of meshes such that the pitch between adjacent meshes is smaller than or equal to 2mm.
- [c2] 2. The fan module of claim 1, wherein the rotation axis of the fan is parallel to the central axis of the air inlet of the housing but the central axis of the air inlet is perpendicular to the central axis of the air outlet.
- [c3] 3. The fan module of claim 1, wherein material constituting the screen is selected from a group consisting of metal and plastic.
- [c4] 4. The fan module of claim 1, wherein the fan is exposed through the air inlet.